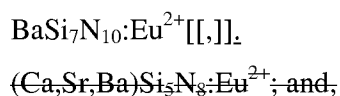


AMENDMENTS TO THE CLAIMS

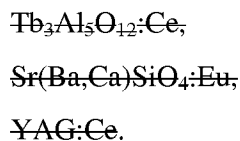
Please amend the present application as follows:

Claims

1. (Currently amended) A light generating device comprising:
 - a blue light emitting device that emits blue light with peak wavelength within a range from 460 nanometers (nm) to 480 nm; and,
 - an epoxy placed over the light emitting device, the epoxy including:
 - a first type of phosphor; and
 - a second type of phosphor;
 - wherein the first type of phosphor, when excited, emits red light; and,
 - wherein the second type of phosphor is Sr(Ba,Ca)SiO₄:Eu, which when excited, emits yellow light.
- 2 - 3. (Canceled)
4. (Original) A light generating device as in claim 1 additionally comprises one of the following:
 - a mold compound covering the epoxy;
 - an optical dome covering the epoxy.
5. (Canceled)
6. (Currently amended) A light generating device as in claim 1:
 - wherein the first type of phosphor is a red phosphor having one of the following chemical formulas:
 - CaS:Eu²⁺,Mn²⁺,
 - ~~SrS:Eu²⁺~~;
 - (Zn,Cd)S:Ag⁺,
 - Mg₄GeO_{5.5}F:Mn⁴⁺,
 - ZnS: Cu⁺,
 - ZnSe:Cu, Cl,
 - ZnSe_{1/2}S_{1/2}:Cu,Cl, and



~~wherein the second type of phosphor is a yellow phosphor having one of the following chemical formulas:~~



7. (Original) A light generating device as in claim 1 additionally comprising:
- a second light emitting device; and,
 - a second epoxy placed over the second light emitting device, the second epoxy including:
 - the first type of phosphor, and
 - the second type of phosphor.
8. (Original) A light generating device as in claim 1 additionally comprising:
- a second light emitting device;
 - a second epoxy placed over the second light emitting device, the second epoxy including:
 - the first type of phosphor, and
 - the second type of phosphor;
 - a third light emitting device; and,
 - a third epoxy placed over the third light emitting device, the third epoxy including:
 - the first type of phosphor, and
 - the second type of phosphor.
9. (Original) A light generating device as in claim 1, wherein the light emitting device is mounted on one of the following:
- a printed circuit board;
 - a lead frame.
10. (Original) A light generating device as in claim 1, wherein the light emitting device is mounted within a printed circuit board substrate.

11 - 13. (Canceled)

14. (Currently amended) A light generating device comprising:
emitting means for emitting blue light with peak wavelength within a range from 460 nanometers (nm) to 480 nm; and,
holding means for holding a first type of phosphor and a second type of phosphor adjacent to the emitting means;
wherein the first type of phosphor, when excited, emits red light; and,
wherein the second type of phosphor is Sr(Ba,Ca)SiO₄:Eu, which when excited, emits yellow light.

15 -17. (Canceled)

18. (Currently amended) A light generating device as in claim 14 ~~46~~:
wherein the first type of phosphor is a red phosphor having one of the following chemical formulas:

CaS:Eu²⁺,Mn²⁺,
~~SrS:Eu²⁺~~;
(Zn,Cd)S:Ag⁺,
Mg₄GeO_{5.5}F:Mn⁴⁺,
ZnS: Cu⁺,
ZnSe:Cu, Cl,
ZnSe_{1/2}S_{1/2}:Cu,Cl,
BaSi₇N₁₀:Eu²⁺[[,]].
~~(Ca,Sr,Ba)Si₃N₈:Eu²⁺~~; and,

~~wherein the second type of phosphor is a yellow phosphor having one of the following chemical formulas:~~

~~Tb₃Al₅O₁₂:Ce,~~
~~Sr(Ba,Ca)SiO₄:Eu,~~
~~YAG:Ce.~~

19. (Original) A light generating device as in claim 14, wherein the emitting means is mounted on one of the following:

a printed circuit board;
a lead frame.

20. (Original) A light generating device as in claim 14, wherein the emitting means is mounted within a printed circuit board substrate.

21. (New) A light generating device comprising:

a blue light emitting device that emits blue light with peak wavelength within a range from 460 nanometers (nm) to 480 nm; and,

an epoxy placed over the light emitting device, the epoxy including:

a first type of phosphor; and

a second type of phosphor;

wherein the first type of phosphor, when excited, emits green light; and,

wherein the second type of phosphor, when excited, emits yellow light.

22. (New) The light generating device of claim 21, wherein the first type of phosphor is $\text{SrGa}_2\text{S}_4:\text{Eu}$.

23. (New) The light generating device of claim 22, wherein the first type of phosphor comprises spherical phosphor particles having a mean particle size ranging from about 1 μm to about 30 μm .

24. (New) The light generating device of claim 21, wherein the first type of phosphor comprises $\text{BaGa}_4\text{S}_7:\text{Eu}$.

25. (New) The light generating device of claim 21, wherein the first type of phosphor is $(\text{Sr},\text{Ca},\text{Ba})(\text{Al},\text{Ga})_2\text{S}_4:\text{Eu}$; $\text{BaGa}_4\text{S}_7:\text{Eu}$.